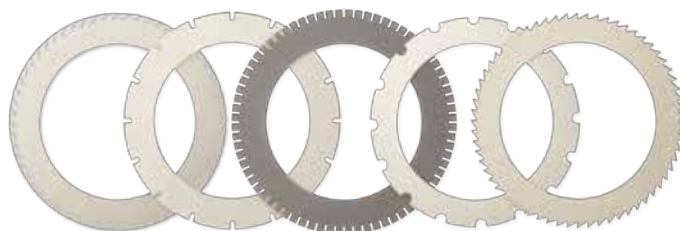


PRECISION ACCRETECH BLADE
NICKEL BOND BLADES
DS type



Cutting ability, cutting quality, and long blade life.
Its stability and performance contribute to
the long-running series for over 20 years.

- High accuracy and high-speed cutting
- High rigidity and high resistance to breakage.
- Excellent cutting ability and effective for burrs restraint.
- 3 concentration levels are available
- Expansion of the application by adding variations to the slit shape.



■ Processing example Nickel blade (DS type)



■ Through hole cutting example

UV-TAPE (PET TYPE)
30,000 1/min
150mm/sec

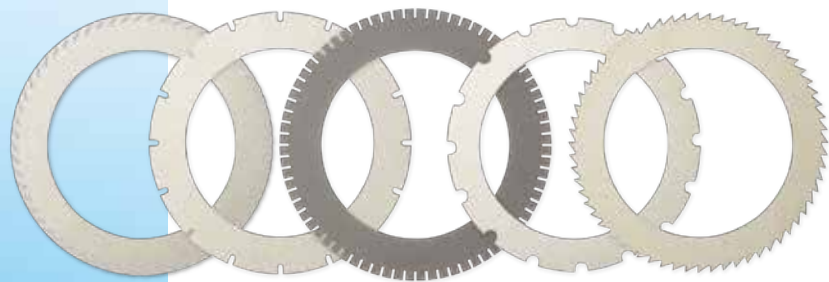
■ High-quality and high-speed cutting is offered by removing burrs in through holes.



■ Electrode cutting example

UV-TAPE (PO TYPE)
18,000 1/min
50mm/sec

■ Accumulated application technology can meet any demand for burr reduction.



■ Specification

1A8	S	L
Shape	Slit	Lapping
D	40/60	MDS
Grit type	Grit size	Type

■ Type

HDS	High concentration type
MDS	Standard concentration type
SDS	Low concentration type

■ Slit

S	Standard type
SN	Slant type
SW	Sawing type

■ Lapping

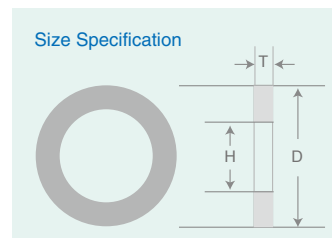
L	Lapping process
---	-----------------

■ Dimension

56D	0.1T	40H	2d	1W	16N
O.D.	Blade thickness	I.D.	Depth of slit	Width of slit	No. of slit

O.D. (mm)		Blade thickness (mm)		I.D. (mm)	
Availability size	Tolerance	Availability size	Tolerance	Availability size	Tolerance
50 to 100	+ 0.02 - 0	0.025 to ≤ 0.05 0.05 to ≤ 0.4	± 0.003 ± 0.005	25.4 to 88.9	H6

*#325 is ±0.01.



■ Standard Dimension

■ Availability by grit size

Grit size (um)	Mesh size	H	M	S
2/4	4000	•		
3/5	3500	•	•	
4/6	2500	•	•	•
4/8	2000	•	•	•
5/10	1300	•	•	•
6/12	1200	•	•	•
8/16	1000	•	•	•
8/20	800	•	•	•
12/25	700	•	•	•
20/30	600	•	•	•
30/40	500	•	•	•
40/60	400	•	•	•
	325	•	•	

■ Available blade thickness by grit size

Grit size (um)	Mesh size	Blade thickness (mm)								
		0.025 to <0.03	0.03 to <0.04	0.04 to <0.05	0.05 to <0.06	0.06 to <0.08	0.08 to <0.1	0.1 to <0.12	0.12 to <0.2	0.2 to ≤0.4
2/4	4000	●	●	●	●	●	●	●	●	●
3/5	3500	●	●	●	●	●	●	●	●	●
4/6	2500	●	●	●	●	●	●	●	●	●
4/8	2000	●	●	●	●	●	●	●	●	●
5/10	1300		●	●	●	●	●	●	●	●
6/12	1200			●	●	●	●	●	●	●
8/16	1000				●	●	●	●	●	●
8/20	800					●	●	●	●	●
12/25	700					●	●	●	●	●
20/30	600						●	●	●	●
30/40	500							●	●	●
40/60	400								●	●
	325									●

■ Ordering the product

When ordering our product, please refer to our catalog and let us know the details of the product as below.

- 1) **Shape and size/** Detailed blade shape and precision.
- 2) **Specifications/** Desired specification as well as the current in-use blade.
- 3) **Cutting work and condition/** Machine in use, RPM, feed speed, coolant flow rate.

■ Precautions

In order to use the product safely and to bring out the best of the blade's performance, please make sure to thoroughly read the specifications and other related materials of the product.

- * The catalog is subject to change without notice.
- * The catalog is not to guarantee the product quality.